

Claims

We claim:

1. A load leveling weight distributing hitch system comprising:

(A) a hitch head;

(B) a first T socket post attached to said hitch head;

(C) a first T socket attached to said first T socket post;

(D) a first spring bar attached to said first T socket; and

(E) a spring bar lift attached to said first spring bar by a chain.

2. A load leveling weight distributing hitch system, as recited in claim 1, wherein said hitch head further comprises:

(1) a mount for attaching said hitch head to a hitch shank;

(2) a ball hitch fixture attached to said hitch head to provide an attachment to a trailer; and

(3) a thumb screw adjustment for control of the pitch of said ball hitch fixture.

3. A load leveling weight distributing hitch system, as recited in claim 1, wherein said first T socket post further comprises a T socket rotation slot.

4. A load leveling weight distributing hitch system, as recited in claim 1, wherein said first T socket further comprises springed retainer pin.

5. A load leveling weight distributing hitch system, as recited in claim 3, wherein said first T socket further comprises a T socket pin to interact with said T socket rotation slot.

6. A load leveling weight distributing hitch system as recited in claim 1, wherein said first spring bar further comprises a tapered end to permit a quick connection with said T

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socket.

7. A load leveling weight distributing hitch system as recited in claim 1, wherein said first spring bar further comprises a retainer pin slot to permit a quick disconnect with said T socket by rotating said spring bar.

8. A load leveling weight distributing hitch system, as recited in claim 1, wherein said spring bar lift further comprises:

(1) a chain retention loop to maintain chain tension;

(2) a pivotable chain latch to permit the selective increase in chain tension;

and

(3) a lift lock.

9. A load leveling weight distributing hitch system, as recited in claim 8, wherein said lift lock further comprises:

(a) an exterior body having a generally cylindrical shape with a tapered end;

(b) a pivot pin positioned within said exterior body, said pivot pin being held in place by an internal spring; and

(c) a post attached to said pivot pin and which permits a user to pivot said pivot pin thereby unlocking said lift lock.

10. A load leveling weight distributing hitch system, as recited in claim 9, wherein said lift lock further comprises a single piece shaft with an increase in internal dimension to retain a spring and a guide pin, thereby controlling said post.